[[,]]

USSN 10/581,373 field 7 March 2008 Attorney Docket: 6169555-0004 Page 3 of 13

AMENDMENT TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

- 1. (Currently amended) A fresh concrete comprising containing coment, and aggregate, water and an admixture, wherein the admixture comprises: admixtures with
 - (a) a mixture of (i) sodium sulfate, (ii) sodium salt of lignosulfonic acid and (iii) sodium salts of polymethylene napthalenesulfonic acids of the general formula

where n is 1 to 25; superplasticizer G 3;

- (b) an antifoaming agent comprising a silicone emulsion; hydrophobing agent and
- (c) a modified lignosulfonate Lignopan B having the molecular weight of 10-50 kJ;

characterized by untifeam as hydrophobing agent (139-282)

- (d) one or more compounds selected from the group consisting of and fixing salt and/or ammonium thiocyanate, and/or sodium thiocyanate and and/or sodium sulfate, and
- (e) sodium carbonate having the following ratio of components (parts by mass):

superplasticizer C-3	
the hydrophobing agent indicated	0.02-0.06
the Lignopan B indicated	10 20

USSN 10/581,373 field 7 March 2008 Attorney Docket: 6169555-0004

Page 4 of 13

fixing salt and/or ammonium thiocyanate and/or sodium-and/or

sodium sulfate 40-55

sodium carbonate 1-2

having a content of the admixture of 0.6-1.5 parts by mass of the coment mass.

2. (Currently amended) The fresh concrete as claimed in claim 1, wherein the amount of each of the cement, aggregate and water is within the following range characterized in that it contains the components indicated in the following ratio:

cement

 $300-500 \text{ kg/m}^3$

aggregate

 $1590-2030 \text{ kg/m}^3$

water

 $105-200 \text{ kg/m}^3$.

- 3. Canceled The fresh concrete as claimed in claim 1 or 2, characterized in that it contains coarse and/or fine aggregate.
- 4. Canceled The fresh concrete as claimed in claim 3, characterized by gravel and/or construction sand as coarse aggregate.
- 5. (Currently amended) The fresh concrete as claimed in claim 1, wherein the aggregate is a claim 3 or 4, characterized by coarse aggregate having a of particle size 5-20 or 5-40 mm.
- 6. (Currently amended) The fresh concrete as claimed in <u>claim 1</u>, wherein the aggregate is a <u>fine aggregate any of claims 3 to 5</u>, characterized by sand having <u>a particle</u> the size of not more than 5 mm-as fine aggregate.
- 7. (Currently amended) The fresh concrete as claimed in claim 6, wherein the fresh concrete comprises one or more any of claims 3 to 6, characterized by at least one component of the following group as fine aggregate selected from the group consisting of [[:]] quartz sand, eruptive rock sand, metamorphic sand, expanded clay sand [[,]] and iron slag sand.

USSN 10/581,373 field 7 March 2008 Attorney Docket: 6169555-0004 Page 5 of 13

- 8. (Currently amended) The fresh concrete as claimed in claim 5, wherein the fresh concrete comprises one or more any of claims 3 to 7, characterized by at least one component of the following group as coarse aggregate selected from the group consisting of []:]] eruptive rock gravel, metamorphic gravel, sedimentary rock gravel, iron slag gravel, crushed expanded clay and crushed expanded slag.
- 9. (Currently amended) An admixture for fresh concrete, wherein the admixture comprises: comprising
 - (a) a mixture of (i) sodium sulfate, (ii) sodium salt of lignosulfonic acid and

 (iii) sodium salts of polymethylene napthalenesulfonic acids of the general formula

where n is 1 to 25; superplasticizer C-3 and,

- (b) an antifoaming agent comprising a silicone emulsion; hydrophobing agent
- (c) a modified lignosulfonate Lignopan B having the molecular weight of 10-50 kJ;

[[,]]

characterized-by antifoam as hydrophobing agent (139-282) and

- (d) one or more compounds selected from the group consisting of fixing salt
 and/or ammonium thiocyanate, and/or sodium thiocyanate and and/or sodium
 sulfate: and
- (e) sodium carbonate, having the following ratio of components (parts by mass):

		~ 4^
superplasticizer		- 44
buper presentation		V-10

USSN 10/581,373 field 7 March 2008 Attorney Docket: 6169555-0004 Page 6 of 13

the hydrophobing agent indicated	0.02 0.06
the Lignopan B indicated	
fixing salt and/or ammonium thiocyanate and/or sodium and/or	
sodium sulfate	40-55
sodium carbonate	1-2

- 10. (New) The fresh concrete according to claim 1, wherein sodium sulfate of the one or more compounds (d) comprises purified natural sodium sulfate.
- 11. (New) The fresh concrete according to claim 1, wherein components comprising the admixture have the following ratio (parts by mass):

(a) the mixture of (i), (ii) and (iii)

0-40

(b) the antifoaming agent

0.02-0.06

(c) the modified lignosulfonate

10-20

(d) the one or more compounds selected from the group consisting of ammonium thiocyanate, sodium thiocyanate and sodium sulfate

40-55

(e) sodium carbonate

1-2,

and, wherein the content of the admixture is 0.6-1.5 parts by mass of the cement mass.

- 12. (New) The fresh concrete according to claim 5, wherein the coarse aggregate is gravel and/or construction sand.
- 13. (New) The fresh concrete according to claim 6, wherein the fine aggregate is sand.
- 14. (New) The admixture according to claim 9, wherein sodium sulfate of the one or more compounds (d) comprises purified natural sodium sulfate.

USSN 10/581,373 field 7 March 2008 Attorney Docket: 6169555-0004 Page 7 of 13

15. (New) The admixture according to claim 9, wherein components comprising the admixture have the following ratio (parts by mass):

(a) the mixture of (i), (ii) and (iii)	0-40
(b) the antifoaming agent	0.02-0.06
(c) the modified lignosulfonate	10-20
(d) the one or more component selected from the group consisting of	
ammonium thiocyanate, sodium thiocyanate and sodium sulfate	40-55
(e) sodium carbonate	l-2.